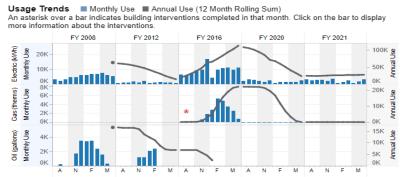


## **Building Dashboard**

Green River School			62 Meridian Street					
Building Data								
Structural Details		HVAC		Condition	Appliances/equipment			
Year Built	1948 - gymnasium added in 1993	Heating System	Gas-fired steam boiler 3 air handlers serving kitchen, gym, nurse, classrooms/ music	FAILED - no distribution system - to be replaced	Interior Lighting	all upgraded to LEDs 2018		
Square footage	20,570	Heat Distribution	Two-pipe low pressure steed ventilators, fin tube radiate terminal units	ors, and convectors as  Fyterior Lighting spotlights,		2 - 125 watt LED spotlights, other exterior lights		
Envelope	Masonry/Brick - doors replaced 2015	Controls	Inoperable pneumatic control system with air compressor			unknown		
Roof	Gable, asphalt shingles - new roof 2015	Ventilation	3 exhaust fans in attic	FAIR	Vending Machines	None		
Windows	double glazed - new windows 2015	Air Conditioning	One 1st floor mini- split unit	GOOD	Kitchen	Elec Range/hood Warming Cabinet 2 Large Fridges		
Insulation	2015 - 15" insulation, blown in cellulose over older loose fill and batts	Hot Water Heater	Gas-fired, natural draft -50 gal	EXCELLENT				
Building Summary	Building was closed from 2002 to 2012, converted from oil to gas in 2014, MSBA funded roof and window replacement in 2015, closed again since 2017. Heating system to be replaced in FY22/23							

**Energy Profile - FY2021 Energy Usage** Heat (therms) EUI (kBTU/sqft) Electric (kWh) 25,403 **EUI** ≤ 35 EUI = 35-50 EUI >50 Meets Zero Energy **Efficient** Priority to Improve Goal **Annual Energy Cost** Electric Heat Total \$4,734 \$0 \$4,734 Berkshire Gas Rate Class <u>G42</u> **Electric Service Rate Class** G0 Average Monthly Demand (kW) 2.2

2022



TBD

N/A

Completed Work						
Fiscal Year	Project	Project Cost	Grants/Rebates	Life Expectancy	Warranty	
2014	Gas-fired steam converted from oil in February 2014	N/A	N/A	N/A	N/A	
2015	Roof and window replacement	\$1,606,714	\$912,864	N/A	N/A	
2015	Insulation and Air Sealing	\$72,945	\$60,000	N/A	N/A	
2019	LED lighting upgrade - on bill financed	\$12,022	\$4,670	20+ years	5 years	
Capital Improvement Plan Projects						
Fiscal Year	Project		Cost	Life Expectancy	Warranty	

Audits/Assessments				
Fiscal Year	Туре	Type Findings		
2009	Siemens Whole building assessment	Report available upon request		
2014	Clearesult	Report available upon request		
2016	Solar Assessment (Solect Energy)	Roof can support an 87.1 kW solar array, but would require an electrical upgrade		

Replace Heating System